

Michael Sanchez

Software Developer | Chicago, IL | (803) 917-7833 | Mjs070594@gmail.com
[LinkedIn](#) | [Github](#) | [Portfolio Site](#)

TECHNICAL SKILLS

Languages: HTML, CSS, JavaScript(ES6, Node.js), Python, SQL, JSX

Frameworks/Libraries: Flask, Spring, JQuery, React, Express, React, Bootstrap, Material-UI

Databases: AWS RDS, MySQL, MongoDB, Mongoose,

Tools: AWS EC2, AJAX, REST API, PostMan, Axios, bcrypt, JSON, ContextAPI, MySQL Workbench, Git, Github, Figma

TECHNICAL EXPERIENCE

Kinetic Footwear, LLC | Full Stack Developer (Freelance) | [Github Demo](#) | Live May 2022 - Present || remote
An ecommerce startup that sells a usb/charge-able sneaker with every step

- Collaborated with clients to define feature requirements, gather digital assets, create mockups/wireframes to design, develop a full stack sneaker website from scratch.
- Organized weekly design meetings with the Kinetic Footwear leadership in order to meet needs as well as functional and technical requirements.
- Built a scalable database with Flask/MySQL in order to collect survey data and feedback from customers.
- Improved user retention by implementing Mailjet to send recurring updates for users that signed up for the newsletter.
- Created a feedback survey using form tags and stored the data in MySQL, which is then exported automatically to a google sheet where the Kinetic team can view the responses.
- TECHSTACK: Python, Flask, MySQL, HTML, CSS, Javascript,

SOFTWARE PROJECTS

Spotify Clone | MERN - Full Stack (Personal Project) [Github Demo](#) | Live
A real-time spotify clone, with user authentication, responsive design and use of APIs

- Improved usability by leveraging Context API to prevent prop drilling between components and to display data globally.
- Eased accessibility by utilizing microservices from the Spotify API in order to authenticate user accounts.
- Enhanced design quality by styling with Material UI and CSS.
- TECHSTACK: React, Node.js, Material.UI, Context API, Spotify API

White Elephant | Full Stack CRUD Application (Personal Project) [Github Demo](#) | Live
A fully functional CRUD application for users to create gift ideas for their friends.

- Constructed a wireframe and Trello board to plan and design the application from scratch.
- Utilized CSS animation, keyframes, and transform to create a moving cloud effect on the landing page.
- Applied JSTL for conditional formatting, looping and validation in order to iterate through a gift object and render it on the display table.
- Strengthened security by building a Login and Registration with Spring Security and secured passwords with bcrypt.
- TECHSTACK: Java, Spring Boot, Spring Security, JSTL, Bootstrap, bcrypt.

EXPERIENCE

Dental Hygienist | Downtown Dental | Chicago, IL August 2019 - July 2022

- Provided dental care to 8+ patients a day, perform 160 routine dental cleanings, x-rays and dental examinations per month.
- Increased cavity detection by using new dental programs such as Overjet that uses AI to detect cavities.
- Maintained patient retention rate by routinely making calls about reminders and appointment confirmations.
- Enhanced patient care by collaborating with Dentists on procedures that are within my scope of practice.

EDUCATION

Coding Dojo July 2022 - October 2022
Full-Stack Developer Certificate in Python, MERN, Java Online

Midlands Technical College August 2016 - May 2019
Associates Degree in Dental Hygiene Columbia, SC